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On November 7, 2003

TOWNSEND and TOWNSEND and CREW LLP

By:

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PATENT
Attorney Docket No.: 015270-006444US
Client Ref. No.: 228-US-NEW2C4

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TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John P. Anderson et al.

Application No.: 09/724,571

Filed: November 28, 2000

For: BETA-SECRETASE ENZYME
COMPOSITIONS AND METHODS

Customer No.: 20350

Confirmation No. 6100

Examiner: Examiner Walicka

Technology Center/Art Unit: 1652

COMMUNICATION UNDER
37 C.F.R. 1.821-1.825

AND

AMENDMENT

Commissioner for Patents
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Alexandria, VA 22313-1450

Sir:

This paper and the paper copy and computer readable copy of the Substitute
Sequence Listing are being submitted to replace the first filed Sequence Listing.

Amendments to the Specification begin on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.